

# Converting Colors

YIQ(131.8920, 65.5010, 96.0050)

Have a look what the booklet for  
YIQ(131.8920, 65.5010, 96.0050)  
contains.

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# Color

**YIQ(131.8920, 65.5010,  
96.0050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE34DF
RGB	254, 52, 223
RGB Percent	100%, 20%, 87%
CMY	0.0033, 0.7964, 0.1254
CMYK	0.00, 0.80, 0.12, 0.00
HSL	309°, 99%, 60%
HSV	309°, 80%, 100%
XYZ	55.4758, 28.8770, 72.4849
YIQ	131.8920, 65.5010, 96.0050

# Conversions

## Conversions Part 2

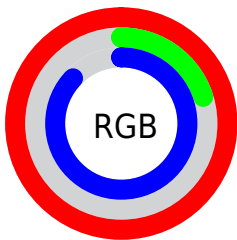
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">254, 52, 223</a>
Decimal	<a href="#">16659679</a>
CIELab	<a href="#">60.67, 87.37, -42.44</a>
CIELCh	<a href="#">61, 97.129, 334.092</a>
Yxy	<a href="#">28.8770, 0.3537, 0.1841</a>
Android (android.graphics.Color)	<a href="#">4294849759 (0xFFFE34DF)</a>
YUV	<a href="#">131.8920, 44.9162, 107.0887</a>
Hunter-Lab	<a href="#">53.7373, 90.2342, -42.3587</a>

# Details

The YIQ color **131.8920, 65.5010, 96.0050** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **174.1080, -65.5010, -96.0050**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.9290, 36.5750, 69.5590**, and **76.7450, 61.4210, 92.8530** is the 20% darker color. If you saturate the color by 10%, you get **116.7610, 73.6600, 107.8360**, and if you desaturate by 10%, it is **147.0230, 57.3420, 84.1740**.

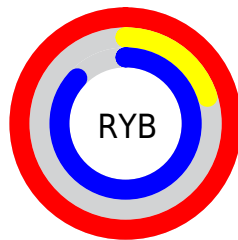
# Distribution



Red (100%)

Green (20%)

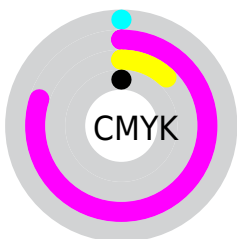
Blue (87%)



Red (100%)

Yellow (20%)

Blue (87%)

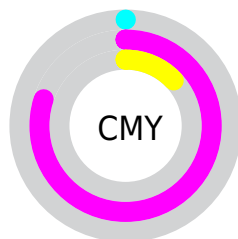


Cyan (0%)

Magenta (80%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 131.8920, 65.5010, 96.0050 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 131.8920, 65.5010, 96.0050 by changing the saturation by 10% instead.





 131.8920, 65.5010,  
96.0050


 131.8920, 65.5010,  
96.0050


255.0000, -0.0000,  
-0.0000


 88.9070, 70.3130,  
107.9210


 176.9290, 36.5750,  
69.5590


 76.7450, 61.4210,  
92.8530


 195.1260, 28.0500,  
53.3460

 64.6970, 52.2080,  
78.0960


 212.7360, 19.8000,  
37.6560

 52.7630, 42.6740,  
63.6500

 230.9330, 11.2750,  
21.4430

 41.2420, 33.4150,  
49.7270

 248.5430, 3.0250,  
5.7530

 30.4330, 25.0270,  
36.5390

 18.8410, 14.5300,

23.0260

■ 2.2800, -6.4200,  
6.2200

■ 0.0000, 0.0000,  
0.0000

■ 131.8920, 65.5010,  
96.0050

■ 131.8920, 65.5010,  
96.0050

■ 116.7610, 73.6600,  
107.8360

■ 147.0230, 57.3420,  
84.1740

■ 101.0430, 82.0940,  
120.1900

■ 162.7410, 48.9080,  
71.8200

■ 100.4560, 82.3690,  
120.7130

■ 177.8720, 40.7490,  
59.9890

■ 193.5900, 32.3150,  
47.6350

■ 208.7210, 24.1560,  
35.8040

■ 223.7380, 16.3180,  
23.6620

■ 239.4560, 7.8840,  
11.3080

254.5870, -0.2750,  
-0.5230

254.7010, -0.5960,  
-0.2120

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



142.3110, -23.7590, 50.6490



131.8920, 65.5010, 96.0050



92.0910, 107.3610, 97.2890

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



131.8920, 65.5010, 96.0050



136.2220, 59.1070, -41.4770



133.7210, -127.1360, -19.7120

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



131.8920, 65.5010, 96.0050



174.1080, -65.5010, -96.0050

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



124.0310, -99.8510, -46.1470



131.8920, 65.5010, 96.0050



119.5570, -3.0130, -72.0770

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



131.8920, 65.5010, 96.0050



135.4220, 109.5350, -8.2330



111.1950, -69.2190, -72.6670



131.2080, -129.7050, -11.6970



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



131.8920, 65.5010, 96.0050



92.7510, 122.0370, 73.5970



111.1950, -69.2190, -72.6670



131.3440, -119.0650, -28.3210

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



131.8920, 65.5010, 96.0050



218.1670, 19.6640, 29.1040



83.9980, -46.9620, 69.1820



105.5970, 12.1010, 17.4850



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



131.8920, 65.5010, 96.0050



108.7280, 78.4270, 115.0590



120.4920, 97.6010, 64.9050



120.1410, 4.2170, 6.1770



75.5770, 61.8340, 90.8740



25.2920, 20.8100, 30.3620



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



131.8920, 65.5010, 96.0050



108.7280, 78.4270, 115.0590



185.5080, -97.6010, -64.9050



120.1410, 4.2170, 6.1770



75.5770, 61.8340, 90.8740

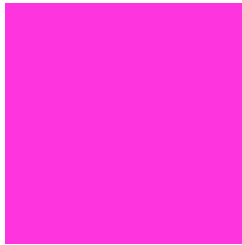


25.2920, 20.8100, 30.3620



# Previews

## White Background



This preview shows how the YIQ color 131.8920, 65.5010, 96.0050 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

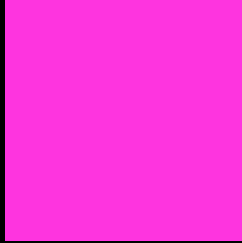
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 131.8920, 65.5010, 96.0050 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

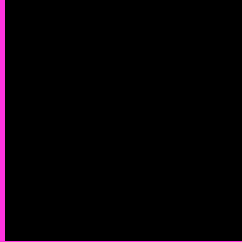
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 131.8920, 65.5010, 96.0050

## Background



This preview shows how black text looks on a background with the YIQ color 131.8920, 65.5010, 96.0050.



This preview shows how white text looks on a background with the YIQ color 131.8920, 65.5010,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

131.8920, 65.5010, 96.0050

### Protanopia

141.4160, -64.5600, 24.6560

### Deuteranopia

145.3480, -35.4900, 15.4380



## Tritanopia

142.0390, 84.4940, 32.6060

# Trichromacy



## Original Color

131.8920, 65.5010, 96.0050



## Protanomaly

138.0190, -17.0650, 50.4790



## Deuteranomaly

140.1980, 1.1840, 44.6400



## Tritanomaly

138.1580, 77.7500, 55.7180

# Monochromacy



## Original Color

131.8920, 65.5010, 96.0050



## Achromatopsia

132.0000, -0.0000, -0.0000



## Achromatomaly

131.8950, 23.6060, 34.7580

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 131.8920, 65.5010, 96.0050 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 52, 223)` looks like.

```
.text, #text, p{  
    color:rgb(254, 52, 223)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 52, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 52, 223) }
```

## Border

The CSS property to change the border of an element to YIQ 131.8920, 65.5010, 96.0050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 52, 223) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 52, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 52, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 52, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 52, 223);  
box-shadow:4px 4px 4px 4px rgb(254, 52,  
223) }
```

# Background

The CSS property to change the background color of an element to YIQ 131.8920, 65.5010, 96.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 52, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254, 52,  
223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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